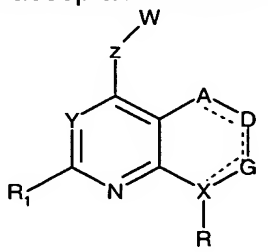
Abstract

The present invention provides compounds of formula (I) including stereoisomers, prodrugs and pharmaceutically acceptable salts or solvates thereof



(I)

wherein

the dashed line may represent a double bond;

R is aryl or heteroaryl, each of which may be substituted by 1 to 4 groups J selected from:
halogen, C1-C6 alkyl, C1-C6 alkoxy, halo C1-C6 alkyl, C2-C6 alkenyl, C2-C6 alkynyl, halo C1-C6 alkoxy, $-C(O)R_2$, nitro, hydroxy, $-NR_3R_4$, cyano, and or a group Z;

R_1 is hydrogen, C3-C7 cycloalkyl, C1-C6 alkyl, C1-C6 alkoxy, C1-C6 thioalkyl, C2-C6 alkenyl, C2-C6 alkynyl, halo C1-C6 alkyl, halo C1-C6 alkoxy, halogen, NR_3R_4 or cyano;

R_2 is a C1-C4 alkyl, $-OR_3$ or $-NR_3R_4$;

R_3 is hydrogen or C1-C6 alkyl;

R_4 is hydrogen or C1-C6 alkyl;

R_5 is a C1-C6 alkyl, halo C1-C6 alkyl, C1-C6 alkoxy, halo C1-C6 alkoxy, C3-C7 cycloalkyl, hydroxy, halogen, nitro, cyano, $-NR_3R_4$; $-C(O)R_2$;

R_6 is a C1-C6 alkyl, halo C1-C6 alkyl, C1-C6 alkoxy, halo C1-C6 alkoxy, C3-C7 cycloalkyl, hydroxy, halogen, nitro, cyano, $-NR_3R_4$; $-C(O)R_2$;

R_7 is hydrogen, C1-C6 alkyl, halogen or halo C1-C6 alkyl;

R_8 is hydrogen, C3-C7 cycloalkyl, C1-C6 alkyl, C2-C6 alkenyl, C2-C6 alkynyl, NR_3R_4 or cyano;

R_9 is hydrogen, C3-C7 cycloalkyl, C1-C6 alkyl, C2-C6 alkenyl, C2-C6 alkynyl, NR_3R_4 or cyano;

R_{10} is hydrogen, C3-C7 cycloalkyl, C1-C6 alkyl, C2-C6 alkenyl, C2-C6 alkynyl, NR_3R_4 or cyano;

R_{11} is hydrogen, C3-C7 cycloalkyl, C1-C6 alkyl, C2-C6 alkenyl, C2-C6 alkynyl, NR_3R_4 or cyano;

R_{12} is hydrogen, C3-C7 cycloalkyl, C1-C6 alkyl, C2-C6 alkenyl, C2-C6 alkynyl, NR_3R_4 or cyano;

R_{13} is hydrogen, C3-C7 cycloalkyl, C1-C6 alkyl, C2-C6 alkenyl, C2-C6 alkynyl, NR_3R_4 or cyano;

R_{14} is R_3 or $-C(O)R_2$;

D is CR_8R_9 or is CR_8 when double bonded with G or A;

G is $CR_{10}R_{11}$ or is CR_{10} when double bonded with D or is CR_{10} when double bonded with X when X is carbon;

A is $CR_{12}R_{13}$ or is CR_{12} when double bonded with D;

X is carbon or nitrogen;

Y is nitrogen or $-CR_7$;

W is a 4-8 carbocyclic membered ring, which may be saturated or may contain one to three double bonds, and

in which:

- one carbon atom is replaced by a carbonyl or $S(O)_m$; and
- one to four carbon atoms may optionally be replaced by oxygen, nitrogen or NR_{14}, $S(O)_m$, carbonyl, and such ring may be further substituted by 1 to 8 R_6 groups;

Z is a 5-6 membered heterocycle or a phenyl, which may be substituted by 1 to 8 R_5 groups;

m is an integer from 0 to 2,

to processes for their preparation, to pharmaceutical compositions containing them and to their use in the treatment of conditions mediated by corticotropin-releasing factor (CRF).